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Calculating Match

Calculating the amount of match required can be done using the following formula:

$$(F1 / F2) - F1 = M$$

Where:
  F1 =   the amount of federal funding requested,
  F2 =   the federal share % offered by the program, and
  M =   the amount of match required

Example 1:
You are applying for **$20,000** in federal funds and the federal share offered for this grant program is 80%:

$$(\$20{,}000 / 0.80) - \$20{,}000 = M$$
$$\$25{,}000 - \$20{,}000 = M$$
$$\mathbf{\$5{,}000 = M}$$

Example 2:
You are applying for **$45,000** in federal funds and the federal share offered for this grant program is 80%:

$$(\$45{,}000 / 0.80) - \$45{,}000 = M$$
$$\$56{,}250 - \$45{,}000 = M$$
$$\mathbf{\$11{,}250 = M}$$

Example 3:
You are applying for **$90,000** in federal funds and the federal share offered for this grant program is 80%:

$$(\$90{,}000 / 0.80) - \$112{,}500 = M$$
$$\$112{,}500 - \$90{,}000 = M$$
$$\mathbf{\$22{,}500 = M}$$